

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

1. (Currently Amended) A fluid bag comprising one or more compartments, each compartment suitable for containing one or more fluids, the fluid bag containing, in at least one compartment, ~~or in a combination of different compartments, either a fluid~~ selected from a group consisting of:

a dialysis fluid for use in an apparatus for hemodialysis, hemodiafiltration, hemofiltration, or peritoneal dialysis;

a replacement fluid to be delivered to a patient in order to replace an ultrafiltrate withdrawn from a patient during hemodialysis, hemofiltration, hemodiafiltration, or peritoneal dialysis; and

a rest product fluid from a process of hemodialysis, hemofiltration, hemodiafiltration, or peritoneal dialysis,

the fluid bag being at least partly made of flexible material, said fluid bag having a first main sheet and a second main sheet configured opposite to said first main sheet, ~~[[the]]~~ a distance between said first and second sheets defining a thickness (t) of the fluid bag, said fluid bag being sized to contain at least a certain quantity (q), in ml, of fluid when the fluid bag is completely filled with the one or more fluids,

wherein said thickness (t) of the fluid bag, when the fluid bag is configured to hang suspended in a vertical direction, never exceeds a certain value (v), in mm,

wherein:

$$q \geq 2000, \text{ and}$$

$$v \leq 2q/100.$$

2. (Previously Presented) A fluid bag according to claim 1, wherein
 $v \leq 0.0175q$.

3. (Previously Presented) A fluid bag according to claim 2, wherein
 $v \leq 0.016q$.

4. (Previously Presented) A fluid bag according to claim 2, wherein
 $q \geq 3000$.

5. (Previously Presented) A fluid bag according to claim 4, wherein
 $q \geq 4000$.

6. (Currently Amended) A fluid bag according to claim 1, wherein said fluid
bag further comprises:

one or more distance limiting members[[.]] configured to limit the distance
between said first and second sheets.

7. (Previously Presented) A fluid bag according to claim 6, wherein an
extension of said first sheet is limited by a first boundary of said first sheet, an extension
of said second sheet is limited by a second boundary of said second sheet, and wherein
at least one distance limiting member is formed by fastening said first sheet to said
second sheet at a position separated by a distance from said first and second
boundaries.

8. (Previously Presented) A fluid bag according to claim 6 or 7, wherein said at least one distance limiting member is formed by a weld joining said first and second sheets.

9. (Currently Amended) A fluid bag according to claim 8, wherein said weld has ~~[[the]]~~ a shape of a substantially straight line.

10. (Currently Amended) A fluid bag according to claim 8, wherein said weld has ~~[[the]]~~ a shape of a loop.

11. (Previously Presented) A fluid bag according to claim 6 or 7, wherein the fluid bag includes a plurality of said distance limiting members.

12. (Previously Presented) A fluid bag according to claims 6 or 7, wherein the fluid bag includes at least three distance limiting members.

13. (Previously Presented) A fluid bag according to claim 1, including at least two compartments.

14. (Currently Amended) A fluid bag according to claim 13, wherein each of the at least two compartments is provided with at least one distance limiting member.

15. (Currently Amended) A fluid bag according to claim 1, wherein the fluid bag further comprises:

~~[[has]]~~ a first edge portion~~[[,]]~~; and

attachment means, said attachment means being configured at said first edge portion, ~~for attaching~~ to attach the fluid bag to holding means configured to hold the fluid bag in a suspended position.

16. (Previously Presented) A fluid bag according to claim 15, wherein said attachment means are formed by at least one hole through said first edge portion.

17. (Previously Presented) A fluid bag assembly comprising the fluid bag of claim 1, wherein said fluid bag is connected via a conduit to an apparatus for hemodialysis, hemodiafiltration, hemofiltration, or peritoneal dialysis.

18. (Previously Presented) A fluid bag assembly according to claim 17, wherein the fluid bag is suspended by holding means and said fluid bag hangs down from said holding means.

19. (Currently Amended) A fluid bag assembly according to claim 18, wherein said fluid bag further comprises:

[[has]] a first edge portion; and

attachment means, said attachment means being configured at said first edge portion, ~~for attaching~~ to attach the fluid bag to holding means configured to hold the fluid bag in a suspended position, said attachment means being formed by at least one hole through said first edge portion, and wherein said holding means holds the fluid bag by a holding member protruding through said hole.

20. (Previously Presented) A fluid bag assembly comprising a plurality of fluid bags being in accordance with claim 1, wherein each fluid bag is suspended by holding means, each of said fluid bags hanging down from said holding means, and wherein said holding means forms part of or is configured in proximity to an apparatus for hemodialysis, hemodiafiltration, hemofiltration, or peritoneal dialysis.

21. (Previously Presented) A fluid bag assembly according to claim 20, wherein said fluid bags are suspended from said holding means and are configured adjacent to one another along a thickness direction of the fluid bags.

22. (Currently Amended) A fluid bag assembly according to claim 21, wherein each fluid bag is attached to said holding means at a position on said holding means, and wherein ~~[[the]]~~ a distance (d), in mm, between the positions for adjacent fluid bags is such that $d \geq v$.

23. (Previously Presented) A fluid bag assembly according to claim 22, wherein $d < 1.5v$.

24. (Previously Presented) A fluid bag assembly according to claim 23, wherein $d < 1.2v$.

25. (Currently Amended) A fluid bag assembly according to claim 20, wherein each of said fluid bags further comprises:

~~[[has]]~~ a first edge portion; and
attachment means, said attachment means being configured at said first edge portion, ~~for attaching to attach~~ the fluid bag to holding means configured to hold the fluid bag in a suspended position, said attachment means being formed by at least one hole through said first edge portion, and wherein for each fluid bag, said holding means holds the fluid bag by a holding member protruding through said hole.

26. (Previously Presented) A fluid bag assembly according to claim 20, wherein the number of fluid bags is at least three.

27. (Previously Presented) A fluid bag assembly according to claim 20, wherein at least one of said fluid bags is connected, via a conduit, to an apparatus for hemodialysis, hemodiafiltration, hemofiltration, or peritoneal dialysis.

28. (Currently Amended) A system for hemodialysis, hemodiafiltration, hemofiltration, or peritoneal dialysis, ~~the system~~ comprising an apparatus for

hemodialysis, hemodiafiltration, hemofiltration, or peritoneal dialysis and at least one fluid bag according to claim 1.

29. (Currently Amended) A system according to claim 28, further comprising:
holding means that forms part of or is configured in proximity to said apparatus for hemodialysis, hemodiafiltration, hemofiltration, or peritoneal dialysis, wherein said fluid bag is suspended by said holding means~~[[,]]~~ such that the fluid bag hangs down from said holding means.

30. (Currently Amended) A system for hemodialysis, hemodiafiltration, hemofiltration, or peritoneal dialysis, ~~the system~~ comprising an apparatus for hemodialysis, hemodiafiltration, hemofiltration, or peritoneal dialysis, the system further comprising:

a plurality of fluid bags in accordance with claim 1, wherein each fluid bag is suspended by a holding means~~[[,]]~~ such that each fluid bag hangs down from said holding means.

31. (Previously Presented) A system according to claim 30, wherein said fluid bags are suspended from said holding means and are configured adjacent to one another along a thickness direction of the fluid bags.

32. (Currently Amended) A system according to claim 31, wherein each fluid bag is attached to said holding means at a certain position on said holding means, and ~~[[a]]~~ wherein ~~[[the]]~~ a distance (d) between the positions for adjacent fluid bags is such that $d \geq v$.

33. (Previously Presented) A system according to claim 32, wherein $d < 1.5v$.

34. (Previously Presented) A system according to claim 33, wherein $d < 1.2v$.

35. (Previously Presented) A system according to claim 30, wherein said holding means includes a plurality of holding members arranged to hold the fluid bags suspended from said holding members.

36. (Currently Amended) A system according to claim 35, wherein each of said fluid bags further comprises:

[[has]] a first edge portion_i and

attachment means, said attachment means being configured at said first edge portion_i ~~for attaching~~ to attach the fluid bag to holding means configured to hold the fluid bag in a suspended position, said attachment means being formed by at least one hole through said first edge portion, and wherein for each fluid bag, said holding means holds the fluid bag by a holding member protruding through said hole.

37. (Previously Presented) A system according to claim 30, wherein the number of fluid bags is at least three.

38. (Previously Presented) A system according to claim 28, wherein at least one fluid bag is connected, via a conduit, to said apparatus for hemodialysis, hemofiltration, hemofiltration, or peritoneal dialysis.

39. (Currently Amended) A fluid bag according to claim 7, further comprising:
a plurality of compartments having borderlines, wherein said at least one distance limiting member is formed at a position separated by a distance between said borderlines of said plurality of compartments.